Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 21 Dec 2020 until 23:59 on Tuesday 22 Dec 2020

Forecast Issued on Sunday 20 Dec 2020 at 10:13

Confidence: High for the general weather story for Monday and Tuesday. Lower confidence for Wednesday for northward extent of precipitation over the United Kingdom. High for Thursday and Christmas Day.

Headline for Monday 21 Dec 2020: Low cloud and outbreaks of rain. Becoming drier in afternoon. Breezy.

Mountain weather hazards on Monday 21 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Heavy Rain	Light rain	Fog	Cloudy	Partly cloudy (night)
Precipitation probability							
<05%	<05%	20%	90%	90%	50%	30%	10%

Forecast for Monday 21 Dec 2020

Weather: Dry with clear spells overnight. Rain will arrive early morning, becoming heavy at times. Rain will become lighter and fizzle out in the afternoon. A dry evening with clearing skies.

Chance of cloud free mountain/hill tops above 600m: 80% overnight becoming 10% early morning. Extensive cloud above 300m during the morning, slowly lifting to around 500m through the afternoon then clearing in the evening.

Visibility: Less than 100m for many hours on high ground in low cloud, especially through the morning. Rather hazy below the cloud base but becoming good during the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 21 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/26 SW	15/24 SW	12/19 S	14/21 E	9/14 E	12/17 W	15/23 W	13/20 W	11/18 W
300	8/22 SW	6/18 S	6/17 SE	8/20 E	7/15 E	8/17 W	10/22 W	7/18 W	7/16 W
Valley	7/21 S	6/19 S	7/15 SE	10/23 E	6/15 E	5/13 NW	7/18 W	4/13 W	3/10 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	1/-4	2/-3	2/-3	3/-1	4/-0	3/-2	1/-4	1/-4
300	4/0	3/0	3/0	4/1	5/3	6/3	5/1	3/0	2/-1
Valley	4/2	4/2	4/2	6/2	7/4	7/5	6/4	4/2	3/1
Freezing Level*	900m	900m	1000m	1400m	1800m	1500m	1000m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cold and damp conditions on the tops with a significant wind chill in the breeze.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 20 Dec 2020	7.8mm	16.4mm	28.2mm

Forecast for Tuesday 22 Dec 2020

Weather: A touch of frost in the valleys at first. A cloudy start but brightening up through the morning. A dry afternoon with sunny spells and light winds. Dry with clear spells and a frost in the evening.

Maximum wind: South or Southwest 10-15mph, gusts 20mph.

Chance of cloud free mountain/hill tops above 600m: 95%. Clear summits expected, just a few patches on upslopes in the morning.

Visibility: Mainly very good.

Temperature: **Valleys:** Plus 1C rising to 7C, falling to Minus 1C in evening.
At 600m: Around Plus 1C.
Freezing level: Just above the summits. Frost in some valleys early and late.

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